

What is claimed is:

1. A quasi-T shaped catheter for delivering anti-cancer drugs to the liver for chemotherapy, comprising:

a first chamber positioned at one limb of said quasi-T shaped catheter and having a first portal for delivering the anti-cancer drugs;

a second chamber positioned at another limb of said quasi-T shaped catheter opposite to the first chamber and having a second portal for delivering the anti-cancer drugs; and

a third chamber positioned at the other limb of the quasi-T shaped catheter and having a third portal for infusing the anti-cancer drugs;

wherein said quasi-T shaped catheter is formed as an integral piece and said first, second and third chambers are in communication with each other, and the first portal and the second portal are to be inserted into the vessels leading respectively to the hepatic artery and the portal vein.

2. The quasi-T shaped catheter of claim 1, wherein the cross sections of said first chamber and said second chamber are of an annular shape.

3. The quasi-T shaped catheter of claim 1, wherein said first chamber and said second chamber further comprises an anti-reflux valve.

4. The quasi-T shaped catheter of claim 1, wherein said first chamber has a length between 3 and 10 cm.

5. The quasi-T shaped catheter of claim 1, wherein said second chamber has a length between 3 and 10 cm.

6. The quasi-T shaped catheter of claim 1, wherein an anti-coagulation coating is applied to its interior surface.

7. The quasi-T shaped catheter of claim 1, wherein said quasi-T shaped catheter is formed of biocompatible materials.

8. A quasi-T shaped catheter for delivering anti-cancer drugs to the hepatic artery and portal vein system of the liver for chemotherapy, comprising:

a first catheter having a first delivery portal and a first infusion portal formed in an inverted L shape; and

a second catheter having a second delivery portal and a second infusion portal formed in an inverted L shape;

wherein the second infusion portal of the second catheter is fixed together with the first infusion portal of the first catheter, and the first infusion portal and the second infusion portal are to be inserted into the vessels leading respectively to the hepatic artery and the portal vein.

9. The quasi-T shaped catheter of claim 8, wherein the cross sections of said first catheter and said second catheter are of an annular shape.

10. The quasi-T shaped catheter of claim 8, wherein said first catheter and said second catheter each comprises an anti-reflux valve.

11. The quasi-T shaped catheter of claim 8, wherein said first catheter has a length between 3 and 10 cm.

12. The quasi-T shaped catheter of claim 8, wherein said second catheter has a length between 3 and 10 cm.

13. The quasi-T shaped catheter of claim 8, wherein an anti-coagulation coating is applied to its interior surface.

14. The quasi-T shaped catheter of claim 8, wherein said quasi-T shaped catheter is formed of biocompatible materials.

15. The quasi-T shaped catheter of claim 8, wherein said first catheter and said second catheter are connected to a common infusion portal.